



July 28, 2021

LCH Project No. P121520

Ron Kramer
Long Island Sterilization, Inc.
175 Wireless Boulevard
Hauppauge, NY 11788
631-435-4711 phone
rkramer@busseinc.com

Dear Ron Kramer:

LCH Consulting Associates (LCH) is pleased to provide you and Long Island Sterilization, Inc. with this report for the Hauppauge, New York facility aeration room vent quarterly testing project. We understand the objective of the testing program was to ongoing performance of the AAT prior to compliance testing. The following approach was used.

1. Day 1 Onsite - Set up sampling train for the Method 18 Direct Interface Sampling and Analysis Procedure. Ran Teflon sample lines from the outlet of the ARV emissions source to the sampling location.
2. Day 2 Offsite – Calibrate the GC with certified standards of ETO in nitrogen. Standards were 4.8, 10.4 and 100.6 ppm. We conducted test runs in the fashion of EPA Subpart O §63.363(c)(2) on the Advanced Air Technologies dry bed scrubber from 1000 to 1100. The following results were observed.

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Table 1 - Results of June 15, 2021 Test Audit Long Island Sterilization, Hauppauge, NY ARV AAT						
Start	Stop	Cycle Phase	Pallets Aerating	EtO Concentration		Removal Efficiency (%)
				Inlet (ppm)	Outlet (ppm)	
9:45:00 AM	10:15:00 AM	Aeration	24	30.83	0.25	99.18%

The results of the test indicate the AAT is working very efficiently and in compliance with the permitted value of emitting less than 1ppm of ethylene oxide. The more stringent requirement of 99.0% Destruction Removal Efficiency was also attained.

LCH appreciates the opportunity to provide this report and looks forward to working with you on the compliance project. Should there be any questions concerning this report, please contact me at (484) 252-4335 or chris@lchconsulting.com.

Respectfully,

L. Christopher Heilner

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Owner, LCH Consulting Associates, LLC

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